HAMATEUR CHATTER

The Milwaukee Radio Amateurs' Club, Inc.

The World's Oldest Continuously Active Radio Amateur Club

75 YEARS of Continuous Club Activity!

W9RH CLUB CALL

For Information on HAM RADIO or Our Club - CALL **466-HAMS**

OFFICERS:

President:	W9PWG
Ed Wille	461-5961
1st VP:	W9VQD
Travis Baird	352-9642
2nd VP:	W9UVV
Roger Zaun	242-4931
Secretary:	W9NZF
Fred Linn	377-3280
Treasurer:	WA9ONQ
Orv Stewart	527-2663
Board Chairman	WA9RDI
Ted Stiller	871-7486
Directors:	
Paul Boese	KB9FBM 466-0697
Pancho Doneis	KA9OFA 344-4694
Tom Fuszard	N9MGZ 278-0587
Bill Jones	KF9FA 781-4565
Catherine Kedney	KA9MWT 774-2114
Jack Krause	W9JK 774-6999
Joe Rayome	KE9LL 463-7668

THE NEXT MRAC MEETING MAR-1993

Date: Thursday - March 25, 1993
Time: 7:30 P.M.
Place: Wauwatosa Savings and Loan at 75th and State in Wauwatosa
Program: Hands-on check-out of the Dilog Multimeter

FROM THE PRESIDENT'S DESK:

I would like to thank our last month's guest for informing us about setting up a repeater. Now we need some volunteers to help Joe Rayome to find a location so that we can get underway. Once again, **IT'S YOUR CLUB - SO, HOW ABOUT GETTING INVOLVED?!** I'm sure that some of you have some time to help. Just give Joe a call.

The Friday night net is running. How about checking in?

The school will start March 31st at 7:30P.M. We are looking for some more students, so sign-up A.S.A.P.

At the March 15th meeting we will have a hands on view of the Dilog digital multimeter line. There are four units which range in price from $59.95 to $179.95 plus accessories accessories. Our friends at Taylor Electric will provide us with the full line for our inspections and discussion. We will have literature for you to take home.

I will bring AC and DC power sources, an audio frequency generator, resistors and condensers (capacitors)to measure. This will let us try them our.

Come join us. The meeting should be fun.

73

Ed - W9PWG

Dr. Foofel's Notebook

Why Do Bumblebees Fly? - Bumblebees think it's faster.

What Is Electricity? - Nobody really knows what electricity is. At least, nobody that I know personally. As a matter of fact, I feel a little silly even mentioning the subject.

Electricity must exist, however as everyone seems to get billed for it. It's the stuff that turns up when you run water over a dam. The bigger the dam the more the stuff. That's how nature operates.

Naturally you just can't let this junk accumulate. You've got to move it off the shelves. Canning won't work—or bottling it. A common trick is to stick the "juice," to use the colloquial, into wires and stand way back at the other end. People who touch these wires become much wiser.

Electricity in wires, if you're still with me is made up of billions and billions of electrons, Scout's honor. They're so small, in fact, that nobody's ever seen an electron. Not even another electron. They weigh 1/1837 as much as a hydrogen atom, even with clothes on. That's assuming you keep your thumb off the scale. The scales don't weigh very much either.

This won't make your day, but electrons repel each other. I don't know why this is. Maybe if they had more privacy? Try putting a few billion electrons on a Coney Island Express and you'll see what I mean. Hundreds will get off at Fourteenth Street.

About the only thing an electron really likes, and this can't be said too often, although it has, is a proton. Each to his own taste, I say. The protons that I've known are repulsive. And this isn't just my opinion. Most protons, if they're honest, will tell you the same thing. Kinsey did some work on this, but I forget what.

Incidentally, electrons aren't alone in this electricity deal. I could name you neutrons, positrons, mesons and ons that haven't even been discovered yet. but there is a security program.

Ted Key

Taken from *The Saturday Evening Post* many years ago.

MILWAUKEE AREA NET INFORMATION

DAY	TIME	MHZ	ACTIVITY
MON	9:00 PM	146.670	ARES Net (Milwaukee-Waukesha)
MON	9:00 PM	50.160	6 Mtr. General Net
TUE	9:00 PM	145.130	MAARS Roundtable
WED	8:00 PM	28.365	10-10 International (Milwaukee Ch.)
THU	9:00 PM	50.160	6 Mtr. General Interest Net
THU	9:00 PM	146.910	Computer Net
FRI	9:00 PM	28.400	W9RH on the air MRAC Club Station Net
SAT	9:00 PM	146.910	Saturday Nite Fun Net
SUN	10:00 AM	443.800	FM-38 Link to 146.88 Baraboo SWAP Net
SUN	8:00 PM	28.365	10-10 International (Milwaukee Ch.)
SUN	8:00 PM	146.910	Information Net
SUN	9:00 PM	146.910	Swap Net

The 2 meter frequencies are -600khz offset FM repeaters. FM38 is +5 Mhz offset, tone 114.8 The 10 meter frequencies are upper sideband (USB). If there are additions, changes, or corrections to this list, please contact; Pancho KA9OFA. 344-4694

SILENT KEYS

Adam A. Appaneller - W9QME, age 75, passed away on March 3, 1993.

He is survived by wife, Betty, he was the father of Frank, Joseph, Susan Dzioba, Mary Asma, 10 grandchildren, nieces, nephews, and other relatives.

Harold H. Beverage, ex-W2BML, 99 yrs old passed away January 27 in Port Jefferson, N.Y. Although not an active ham since the 1920's, his name is immortalized as the inventor of the Beverage receiving antenna (originally called the "Wave Antenna"). It was developed in 1917 to enhance communications between the US and Europe during WWI and was described in QST in November 1922.
Special thanks to QST magazine

Editor's Note

I need some reporters — some people to feed me news of the Ham world, especially (but not exclusively) local news.

I could use information on other clubs/meetings, swapfests, nets, activities, reports on special projects, events, special people, silent keys, antenna raising parties, scholarships for Hams, special awards, reviews of new and vintage Ham equipment, etc. - anything that you think might interest your fellow Hams.

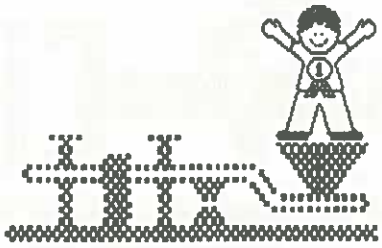
As Ed W9PWG has said many times, "It's your club" (and I add) "it's your news letter." If it (the newsletter) is worth doing, it's worth doing well. Let's make it a newsletter that you can show your fellow Hams proudly as a product of your club.

I'm trying to make it as informative as I possibly can, but, I do **NEED your input**.

Thanks and 73's

Pancho

Pancho - KA9OFA



FCC HAM RADIO EXAMS

Wednesday Exams
All Grades MRAC VEC *
Third Wed. of each month at 6:30 pm
Village at Manor Park (was Methodis Manor)
3023 S. 84th St.
Milwaukee, WI

Walk-ins are welcome, but preregistration is requested if possible. To register in advance, send a post card on which you have printed the grade of license for which you are applying, your name, address and telephone number to:

c/o Jack Kranse-W9JK
1737 N. 116th St.
Wauwatosa, WI 53226
or
c/o Les Peterson - W9ICV
9741 W. Howard
Greenfield, WI 53228

For more information call:
466-HAMS

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Saturday Exams *
Last Saturday of Each Month
at 8:30 am
at Wauwatosa S&L
7500 W. State St. Wauwatosa

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SWAT TEAM Exams *
2nd SAT of each month
at 1:00pm
Next testing April 10, 1993.
Wauwatosa S&L
6560 S. 27th ST.
Oak Creek, WI

Enter the north end of the building, downstairs and follow the signs.

APR.....10	SEP.....11
MAY..... 8	OCT..... 9
JUN.....12	NOV.....13
JUL.....10	DEC.....11

For more info call;
KB9QL - Norman McNew (414) 764-5998
or AA9DO - Joe Mettry (414)761-9219.

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*** Bring your license (if any) and 2 copies also the same for CSCE's you may have. Originals will be returned to you. $5.00 charge except for Novice exams.**

CLUB ACTIVITIES:

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Y'all come!
to the
MRAC HAM BREAKFAST

on every Saturday morning
at 8:30 o'clock.
Maxim's Restaurant
9143 W. Appleton Ave.
(corner of 91st St. and Appleton Ave.
near Timmerman Field)

Prices are **reasonable**, the **food - good**,
and the **company - excellent**.

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W9RH- TEN METER NET

Come on up and join us on **W9RH**
Ten Meter Net on **Friday evenings at**
9:00 PMat approximately 28.4 MHZ.
We'd like to meet you there.

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Friday Evening CQ Food
First Fridayof the month Fishfry
Serb Hall at 51st and Oklahoma
Call; Warren - K9IZVon th 146.91 - offset
for reservations by Noon on that FRI
Other Fridays
Check in 5;00 pm
Decision & finalization at 6;00pm
and meet at CQ Food destination at 7;00pm

Other CQ Foods
on a random basis
also called on this repeater
"CQ Food" on WA9JOB 146.91 Repeater

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Club Meetings

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West Allis Radio Amateur Club
Meets the second Tuesday of each month
at 8;00 p.m.
At St. Peter's Episcopal KChurch
7929 W. Lincoln Ave.
West Allis, WI

Miller Valley Radio Amateur Club
Tuesday evenings at 6;30 p.m.
at 703 N. 39th St., just north of and
almost under the former Wis. Ave.
viaduct.
For info contact;
Art - WA9AWJ
(found daily on the 145.13 repeater).

WINE & PUG

(Wisconsin Node Enthusiasts
& Packet Users Group)
Third Saturday of each month
7:00 pm-9:00 pm
Mykonos Restaurant
8501 W. Capitol
Milwaukee,WI

NEWS CONTRIBUTIONS

Articles and information for the newsletter should be received by the editor **no later than the first of the month of publication**. If received after the first of the month, its **inclusion** in that month's edition **cannot be guaranteed**. Your cooperation is appreciated.

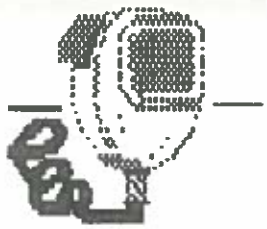
Please mail submissions to:

Hamateur Chatter
c/o Pancho Doneis, KA9OFA
1958 N. 38th St.
Milwaukee, WI 53208

You may also call me at;
344-4694.

Thanks to our news contributors this month;

N9KHE *QST magazine*
W9PWG
W9UVV *Saturday Evening Post*



HINTS AND KINKS

by Roger Zaun - W9UVV

No doubt most hams have experienced this frustrating scenario: You are busy working on an electronic building project, or trying to repair or service a rig, when suddenly a vital piece of hardware, or small component drops into the innards and appears irretrievable. This situation calls for use of longnose pliers or tweezers to aid removal, but due to the close quarters they just don't work. The level of aggravation and angry verbiage then begins to rapidly rise!

As an avid builder and restorer of electronic gear, I was often confronted with this problem. This led me to arrive at a rather neat, workable solution, namely:

Take a small amount of "Coax-Seal" * and form it into a ball about the size of a pea. Firmly mold and adhere it to the end of a small diameter plastic or wood rod. Coax-Seal is a very tenacious material and virtually adheres to almost anything. By lightly touching the prepared end of your new retrieval tool to the lost part, it is readily plucked from the depths of your equipment. It is also useful to start nuts, place lockwashers or put screws into hard to reach holes. It's also great in retrieving wire cuttings and solder spatters.

I keep this tool in my repair kit at all times. Give this handy helper a try, fellows. It really works and sure helps prevent "frazzled nerves".

* Coax-Seal Material is normally Utilized to seal coax fittings, antenna connections and parts from moisture and corrosion. It is manufactured by Universal Electronics, Inc. and is available locally from AES. Many Hams have used it, and you may still have a partial roll left in the junk box.

You too can have an article published!
Just send me any items of interest to Hams.

It's March. - Do you know where your receipts are?

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**** UPCOMING EVENTS ****

Michigan Crossroads Hamfest
SAT - **MARCH 20, 1993**
Marshall, MI
Talk-In on 146.66 or 146.52

Tri-County Amateur Radio Club Hamfest
SUN - **MAR 21,1993**
Jefferson, WI
Talk-In on 145.48 Rptr.

Michigan City Hamfest
SAT - **March 27,1993**
Michigan City, IN
Talk-In on 146.37/97 Rptr
(131.8(HzPl) or 146.52 simp

LamarsFest - 1993
SUN - **MAR 28,1993**
Grayslake, IL
Talk-in on 147.945/345 Rptr

or 146.52 simp.

Madison Swapfest & Computer Fair
SUN - **April 4, 1993**
Madison, WI
Talk-In on 147.15 Rptr.

Rockford Hamfest
SUN - **April 18, 1993**
Rockford, IL
Talk-in on 146.61/01 Rptr.

Cedarburg Swapfest
SAT - **MAY 1, 1993**
Cedarburg, WI
Talk-In on 146.37/97 Rptr.
and 146.52 simp.

DeKalb Hamfest
SUN - **MAY 2,1993**
Sandwich, IL
Talk-in on 146.13/73Rptr

Milwaukee Radio Amateurs' Club
P.O. Box 25707
Milwaukee, WI 53225

Celebrating
75 Years!
of **Continuous Club Activity.**

THIS MEETING
THU - March 25, 1993
at 7:30 PM
Wauwatosa
Savings and Loan
See Inside.

Next Meeting - April 29th

From now on the mailing label will carry: the date through which your dues are paid - (P/93)

W9NZF .P/93 J1/75
FRED A. LINN
N59 W56Ø8 EDGEWATER DR.
CEDARBURG, WI 53Ø12